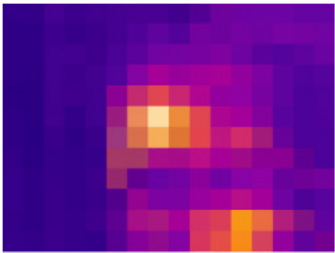
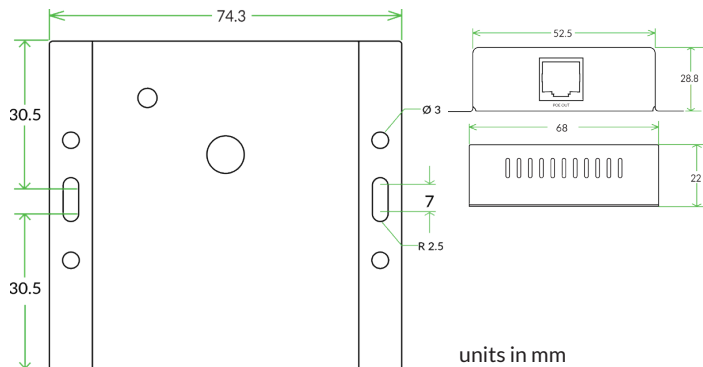




# Rack & Wall Mount Thermography Sensor

## (M-R-THIMG-XS)



192 points (x-small)



The M-R-THIMG-XS is a continuous thermography monitoring sensor that provides full live thermal imaging. It is the world's first SNMP & Modbus thermography camera sensor that monitors the temperature of what it actually sees. 192 temperature measurement points in one image, analyzed every 2 seconds. It supports Modbus TCP & RTU, BACnet/IP, SNMP, and MQTT open protocols. This thermography sensor features a versatile rack-and-wall form factor, allowing for installation in a standard 19-inch rack or direct mounting on a wall.

### Certifications:

|                      |
|----------------------|
| cULus 62368-1 Listed |
|----------------------|

### Sensor Metrics:

|                          |                                        |
|--------------------------|----------------------------------------|
| Target temperature range | -40°C to 300°C (-40°F to 572°F)        |
| Temperature accuracy     | ± 1.5°C (±2.7°F)                       |
| Field of View (FoV)      | 110° horizontal (wide)<br>75° vertical |
| Max object distance      | <2m                                    |
| Resolution               | 16x12 pixels                           |

### Technical Specifications:

|                     |                                                                                        |
|---------------------|----------------------------------------------------------------------------------------|
| Powered by          | Base Unit (X-BASE-XX) (required)                                                       |
| Connectivity        | RJ45 cable transmitting data & power from Base Unit to Sensor                          |
| Cable specification | RJ45 CAT 6/7 recommended<br>Up to 100m (330ft) subject to cable quality & interference |
| Power usage         | 295.8mW                                                                                |

### Environmental Specifications:

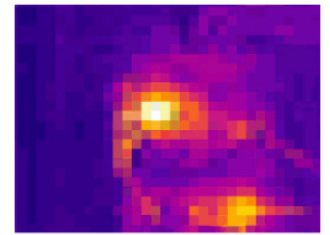
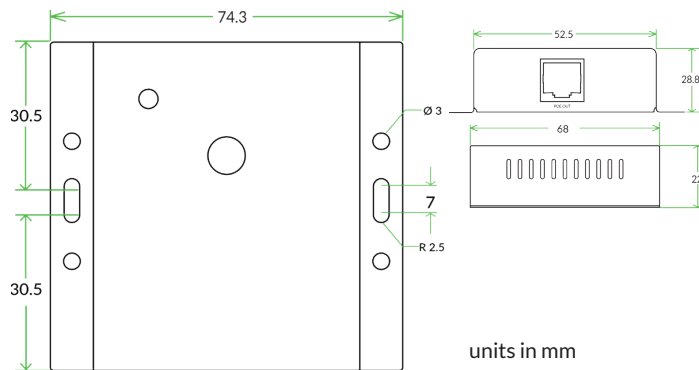
|                                  |                                |
|----------------------------------|--------------------------------|
| Operating temperature range      | -10°C to +85°C (14°F to 185°F) |
| Humidity (operating and storage) | <90% RH (non-condensating)     |

### Physical Specifications:

|                  |                                              |
|------------------|----------------------------------------------|
| Sensor enclosure | Steel enclosure, industrial grade            |
| Mounting option  | Rack or wall mount                           |
| Dimensions       | 74.3mm (2.9") x 68mm (2.6") x 28.8mm (1.06") |
| Weight           | 650g (0.144lbs)                              |



## Rack & Wall Mount Thermography Sensor (M-R-THIMG-SM)



768 points (small)



The M-R-THIMG-SM is a continuous thermography monitoring sensor that provides full live thermal imaging. It is the world's first SNMP & Modbus thermography camera sensor that monitors the temperature of what it actually sees. 768 temperature measurement points in one image, analyzed every 2 seconds. It supports Modbus TCP & RTU, BACnet/IP, SNMP, and MQTT open protocols. This thermography sensor features a versatile rack-and-wall form factor, allowing for installation in a standard 19-inch rack or direct mounting on a wall.

### Certifications:

cULus 62368-1 Listed

### Sensor Metrics:

|                          |                                        |
|--------------------------|----------------------------------------|
| Target temperature range | -40°C to 300°C (-40°F to 572°F)        |
| Temperature accuracy     | ±1.5°C (±2.7°F)                        |
| Field of View (FoV)      | 110° horizontal (wide)<br>75° vertical |
| Max object distance      | <2m                                    |
| Resolution               | 32x24 pixels                           |

### Technical Specifications:

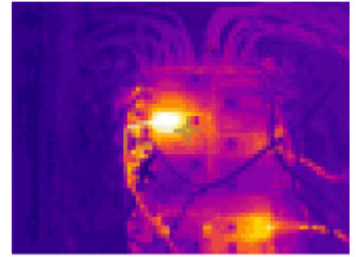
|                     |                                                                                        |
|---------------------|----------------------------------------------------------------------------------------|
| Powered by          | Base Unit (X-BASE-XX) (required)                                                       |
| Connectivity        | RJ45 cable transmitting data & power from Base Unit to Sensor                          |
| Cable specification | RJ45 CAT 6/7 recommended<br>Up to 100m (330ft) subject to cable quality & interference |
| Power usage         | 345.1mW                                                                                |

### Environmental Specifications:

|                                  |                                |
|----------------------------------|--------------------------------|
| Operating temperature range      | -10°C to +85°C (14°F to 185°F) |
| Humidity (operating and storage) | < 90% RH (non-condensating)    |

### Physical Specifications:

|                  |                                              |
|------------------|----------------------------------------------|
| Sensor enclosure | Steel enclosure, industrial grade            |
| Mounting option  | Rack or wall mount                           |
| Dimensions       | 74.3mm (2.9") x 68mm (2.6") x 28.8mm (1.06") |
| Weight           | 650g (0.144lbs)                              |

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### Certifications:

### Sensor Metrics:

### Technical Specifications:

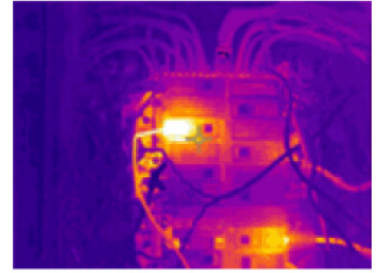
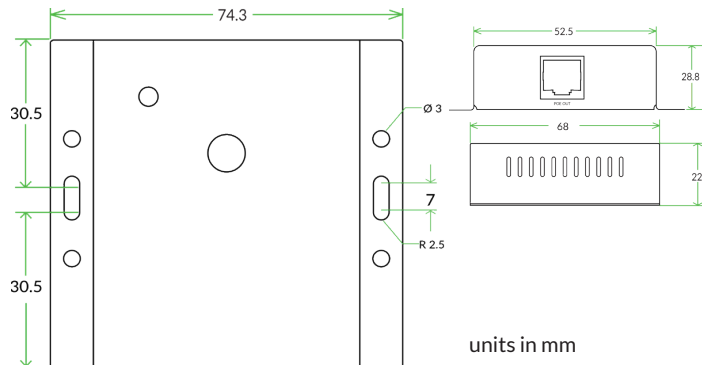
### Environmental Specifications:

### Physical Specifications:

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## Rack & Wall Mount Thermography Sensor (M-R-THIMG-LG2)



19200 points (large)



The M-R-THIMG-LG2 is a continuous thermography monitoring sensor that provides full live thermal imaging. It is the world's first SNMP & Modbus thermography camera sensor that monitors the temperature of what it actually sees. 19200 temperature measurement points in one image, analyzed every 2 seconds. It supports Modbus TCP & RTU, BACnet/IP, SNMP, and MQTT open protocols. This thermography sensor features a versatile rack-and-wall form factor, allowing for installation in a standard 19-inch rack or direct mounting on a wall.

### Certifications:

cULus 62368-1 Listed

### Sensor Metrics:

|                      |                                                                    |
|----------------------|--------------------------------------------------------------------|
| Scene dynamic range  | High gain mode (lower temperature): -10°C to 140°C (14°F to 284°F) |
| Temperature accuracy | High gain mode (lower temperature): ±5°C (±9°F) or 5%              |
| Field of View (FoV)  | 95° horizontal<br>119° diagonal                                    |
| Max object distance  | 45m                                                                |
| Resolution           | 160x120 pixels                                                     |

### Technical Specifications:

|                     |                                                                                        |
|---------------------|----------------------------------------------------------------------------------------|
| Powered by          | Base Unit (X-BASE-XX) (required)                                                       |
| Connectivity        | RJ45 cable transmitting data & power from Base Unit to Sensor                          |
| Cable specification | RJ45 CAT 6/7 recommended<br>Up to 100m (330ft) subject to cable quality & interference |
| Power usage         | 690mW - 1.577W (rise on wattage upon shutter)                                          |

### Environmental Specifications:

|                                  |                                |
|----------------------------------|--------------------------------|
| Operating temperature range      | -10°C to +80°C (14°F to 176°F) |
| Humidity (operating and storage) | <90% RH (non-condensating)     |

### Physical Specifications:

|                  |                                              |
|------------------|----------------------------------------------|
| Sensor enclosure | Steel enclosure, industrial grade            |
| Mounting option  | Rack or wall mount                           |
| Dimensions       | 74.3mm (2.9") x 68mm (2.6") x 28.8mm (1.06") |
| Weight           | 650g (0.144lbs)                              |